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CHRYSANTHEMUMS

1939

ELMER D. SMITH & CO. ADRIAN,
MICHIGAN

To Our Patrons

IN CHECKING our sales sheets for the past few years, we find some varieties are in heavy demand while others are not so favorably received.

With this in mind, we have endeavored to recommend the most popular kinds and have then supplemented a list of the various sorts to accommodate those who require a larger variety.

We appreciate the continued patronage of our customers and shall endeavor to supply strictly first class stock to merit the confidence of our customers.

Very respectfully,

ELMER D. SMITH & CO.

TERMS OF SALE

Important—Read Carefully Before Ordering

QUOTATIONS: The prices quoted are as low as can be made for strictly first-class stock and are for U. S. Currency. This list cancels all previous quotations.

REMITTANCES for all orders should be made by Postoffice, Express Money Order or Bank Draft, Canadian, Mexican and all foreign customers are requested to remit by Postoffice Money Order, which is not subject to discount like checks and other forms of exchange.

FILLING ORDERS. All orders are filled in strict rotation, carefully labeled, lightly and securely packed, and delivered to the carriers in good condition. In case stock of certain varieties is exhausted, we reserve the right to decline the order. To partially avoid such action, place your order early, so that the plants may be set aside. Assist in prompt delivery by using order sheet.

EXPRESS DELIVERIES. When plants are preferred with the soil and roots intact, we usually forward by express.

FOREIGN SHIPMENTS (except Canada and Mexico) require treatment, both as to condition of plants and method of packing to insure safe delivery. We ask such customers to add 25 per cent to amount of the order to cover this extra expense.

CLAIMS FOR DAMAGE. All claims for damages must be assumed and entered against the carrier by the buyer. Inasmuch as we have no control over the transportation agencies, we cannot be responsible for plants frozen in transit, or injured by delayed deliveries or rough handling.

WE PAY THE POSTAGE. Many patrons prefer plants sent by parcel post, in which case, the soil is removed and the roots wrapped in damp moss. We pay postage on all shipments forwarded to those living in the United States who prefer this method of delivery.

NO GUARANTEE. While we exercise utmost care in executing all orders to keep our stock true to name, we give no warranty, expressed or implied, and cannot guarantee or be in any way responsible for the crop, either as to variety or product. If not accepted on these terms, they must be returned at once.

New for 1939

Four Outstanding Commercials

ADONIA—An early reflexed maturing October 25. Color is best described as the same as Peter John; a very pleasing shade of pink which brightens under artificial light. Select bud about September 5. Blooms 6 inches or more.

LORETTA—A late commercial of intense yellow, semi-incurved maturing Thanksgiving and later. Growth dwarf with small foliage; should be planted in early June to secure growth of 4 feet. Reserve bud the end of August. Petals hard like Detroit News, from which it is a seedling. Very double.

MISS FLORA BOWERS—This estimable lady has been in our employ

for twenty-five years. The packing of our flowers has for many years been under her supervision. A white commercial of special merit, 7½ inches in diameter; irregularly incurved; petals interlacing. Height, 4 feet, foliage medium size and, in normal seasons, is in flower for Thanksgiving use. Produces perfect blooms from any bud selected after September 5. C.S.A. Certificate.

WHITE TREASURE—Very late white, slight pink shadings. December flowering. Tall; will attain a height of 4½ feet or more if planted after July 15. Bud very late; October 15. Blooms 9 inches.

Plants from 2¼-inch pots: 50c each; any 3, \$1.30; any 6, \$2.50; any 12, \$4.75.

Introductions of 1938

BONNAFFON DE LUXE — This variety resembles Major Bonnaffon in all respects except color, being a rich golden yellow similar to Friendly Rival. The blooms when grown 3 and 4 to a plant average 5 inches in diameter, are tightly incurved and of good substance. The stems are of excellent quality and stiffness, leaves have a glossy surface. From July first planting the height will average 3 feet; matures November 1 to 10 from a bud reserved September 10.

BRONZE GOLD LODE — A medium shade of bronze sport of Gold Lode. Identical in every respect with parent except color. This new variety

should fill a long felt need for an early bronze that can be grown on the bench or as pot plants.

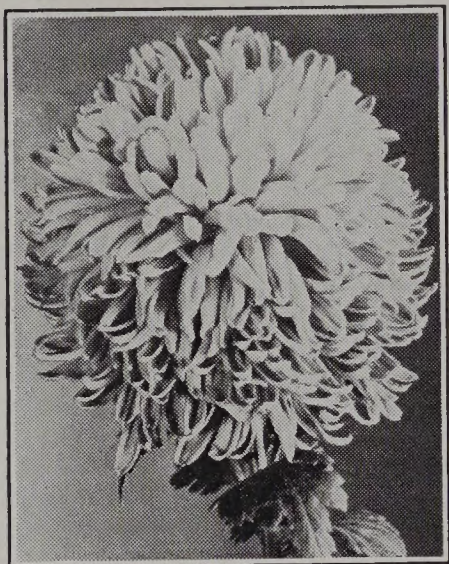
GOLDEN ARBINI — This variety originated on the West Coast where it has been grown several years with marked success and popularity. Of all the yellows grown today, this variety is the closest approach to the well known Friendly Rival. The flowers are fully double and gracefully reflexed in form. The tips of the reflexing petals almost touch the stem. The plants will reach 4 feet in height from June planting. Extreme vigor and constitution is indicated in the robust foliage and stem quality. Mature November 20 to 25 from a terminal bud.

Plants from 2¼-inch pots: 30c each; any 3, 75c; any 6, \$1.40; any 12, \$2.50. \$15.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Standard Varieties

EARLY SORTS

The commercial or large flowering varieties have been divided into three groups, early, mid-season and late.



Apricot Queen

APRICOT QUEEN—Brilliant orange. Bud September 5 to 10. Blooms 7 inches. Mature October 25.

CHRYSA LORA—Sulphur-yellow. Bud Aug. 15. Flowers 7 inches. Mature October 15. Height 4 feet.

COLUMBUS DISPATCH—Large, incurved yellow. Bud Sept. 1. Blooms, 8 inches. Height, 5 feet. Mature October 25.

DETROIT NEWS—Popular early bronze, golden reverse. Bud August 30. Blooms, 6 inches. Mature October 25. Height, 4 feet.

GOLDEN WAVE—Bright yellow. Flowers 6 inches. Bud September 5. Mature October 20. Height 3½ feet.

GOOD NEWS—Bright yellow sport of Detroit News. Identical in all respects to its parent except in color.

HILDA H. BERGEN — Good bronze maturing October 25. Flowers 5 inches. Bud September 10. Height 3½ feet.



Columbus Dispatch

MAJOR EDWARD BOWES — Popular early, bright rose pink. Bud August 30 and later. Blooms 6 inches. Mature October 16.

MRS. H. E. KIDDER—Early bright yellow. Bud Aug. 25. Flowers, 7 inches. Height, 4 feet. Mature October 15.

OCONTO—Large white. Bud August 25. Height, 4 feet. Mature October 25.

PINK DELIGHT—Rosy pink. Bud September 10. Blooms, 6 inches. Height, 4 feet. Mature October 25.



Detroit News



Pink Delight



Mrs. H. E. Kidder



Sun Glow



Silver Sheen

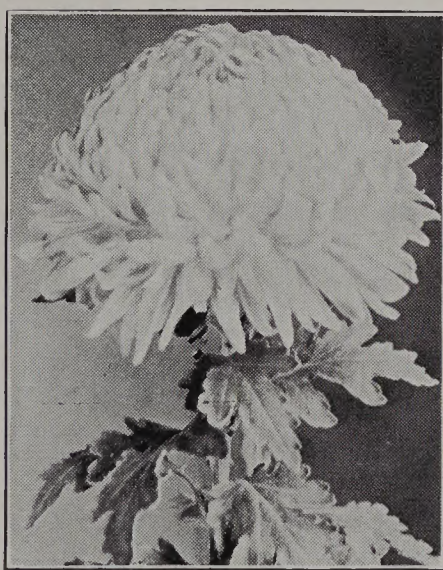
QUAKER LADY—Incurved white, orchid shadings; large. Bud August 20, Height, 3½ feet. Mature November 10.

SILVER SHEEN—Pure white incurved. Bud August 30. Mature October 20.

SMITH'S ENCHANTRESS—Early pink. Ready to cut October 10. Bud early September. Flowers 6 inches. Height 4 feet.

SPOTLESS — Early, pure white, incurved. Bud August 25. Height, 3½ feet. Blooms 6½ inches. Mature October 20.

SUNGLOW — Bright yellow, 8 inches. Bud August 15. Height 2½ feet. Mature October 20.



Golden Wave



Smith's Enchantress

We have limited stock of the following early varieties and can supply plants in small quantities: EVENING GLOW, GOLDEN GLORY, GOLDEN QUEEN, INDIANOLA, MRS. HENRY R. REA, and OCTOBER GLOW.

Plants from 2¼-inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

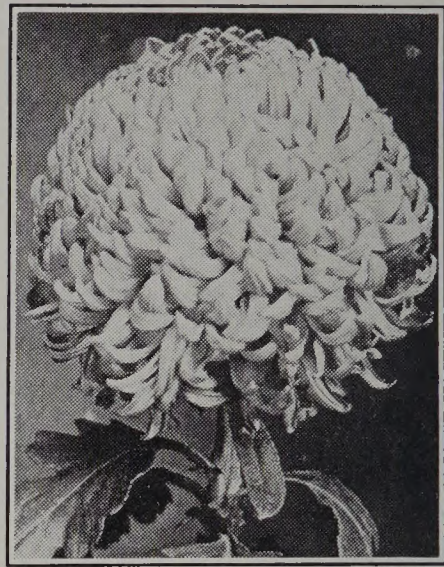
Mid-Season Sorts

EDGAR STILLMAN KELLY — Pure white. Blooms 7½ inches. Bud September 20. Mature November 15. Height 5 feet.

EVENING STAR—Dark rose pink. Blooms 6 inches. Mature November 1. Bud September 5. Height 5 feet.

J. W. PRINCE—Pink. Flowers 7 inches. Mature November 1. Bud August 30.

MONUMENT—Pure white. Blooms 7 inches. Bud September 20. Mature November 15. Height 4 feet. Good grower.



Secretary Nehrling



Mrs. A. J. Stahelin



J. W. Prince



Evening Star



Edgar Stillman Kelly

MRS. HELEN K. JOHNSON—Dark yellow. Bud August 20. Mature October 28. Blooms 8 inches. Height 5 feet.

MRS. A. J. STAHELIN—Golden bronze. Blooms 6½ inches. Mature November 15. Height 4 feet.

SECRETARY NEHRLING—Bright yellow. Bud August 15 to 20. Mature November 15 to 20. Good stem and foliage.

SNOW-WHITE—Pure white, flowers 8 inches. Bud September 1 to 5. Mature October 30. Height 4 feet. Good stem and foliage.

Plants from 2¼-inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate..

Late Sorts

BRONZE FRICK—Warm shade of bronze with lighter reverse. Identical in other respects with Miss Helen Frick.

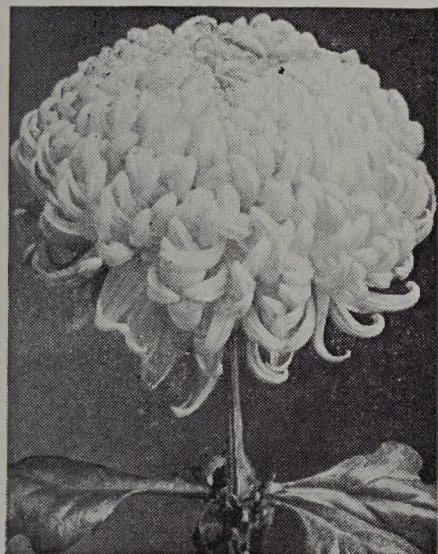
CHATTANOOGA—Pure white. Flowers 8 inches. Mature December 1. Bud September 20. Height 4 feet.

FRIENDLY RIVAL—Intense yellow. Blooms November 15 to Thanksgiving. Bud September 10. Blooms 8 inches. Height 4 feet.

GARNET KING—Dark red. Blooms 6 inches. Mature November 30. Bud September 20. Height 4 feet. Fine stem and foliage.



Chattanooga



Friendly Rival

GLADYS PEARSON—Bronze. Blooms 8 inches. Bud September 30. Mature November 30. Height 5 feet.

GOLDEN MRS. ROSS—Dark yellow. Blooms 7 inches. Bud September 25. Mature November 28. Height 4 feet.

MISS HELEN FRICK—Good pink. Bud September 15. Mature November 20. Dwarf.

MOHAWK CHIEF—Crimson. Blooms 7½ inches. Bud October 1. Mature November into December. Height 3 feet.



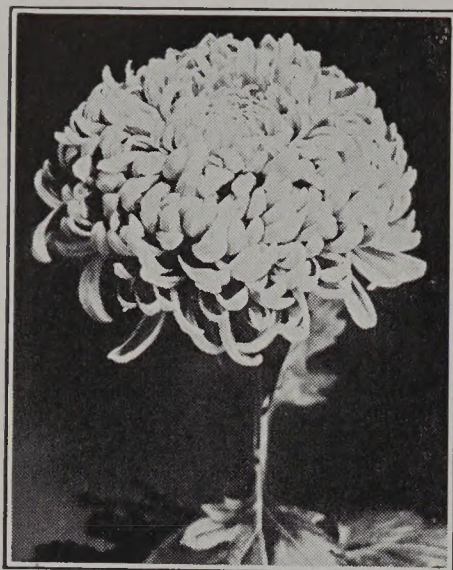
Mohawk Chief

OAK LEAF — Dark bronze. Blooms 8 inches. Bud September 30. Mature November 20. Height 5 feet.

PETER JOHN — Light pink sport of Thanksgiving Pink; identical in other respects.



Garnet King



Miss Helen Frick

WHITE HELEN FRICK
—White sport from Miss Helen Frick. Identical except color.

YELLOW CHATTA-NOOGA — Cream color. Blooms 8 inches. Bud September 20. Mature December 1. Height 4 feet.

YELLOW GLADYS PEARSON — Yellow sport from Gladys Pearson. Identical except color.



Oak Leaf

We have limited stock of the following late varieties and can supply plants in small quantities: **BRONZE MISTLETOE**, **GOLDEN MISTLETOE**, **HARVARD**, **PINK MISTLETOE** and **TOM BROWNE**.

Plants from 2 $\frac{1}{4}$ -inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Pompon Section

This section has been divided into three classes, those which are an inch and a half or less are known as the button or baby type, those from one and one-half to three inches are known as intermediate type and the large for disbudding are from three to four and one-half inches in diameter. The true pompon type is round, not a flat flower.

THREE NEW BABY POMPONS FOR 1939

FUZZY WUZZY—A sport from Sarda with most peculiar flowers. The petals are of unequal length giving a fuzzy appearance. The color is rather difficult to describe. The florets are short tubes, white at the base and with the extremities specked and splashed with pink markings, giving the flower a mottled pink appearance. As the flowers begin to age the outer petals turn to bright pink showing the contrasting lighter center. Of the baby pompon type, 1 inch in diameter. Matures November 10.

MARTELLO—A counterpart of Crystal Jewell but is $\frac{1}{4}$ -inch larger, 1 $\frac{1}{2}$ inches, and, in normal seasons, is two weeks later. Same concaved petals as Crystal Jewell, very double, true pompon form. Rather dwarf in growth, hence should be planted fairly early to secure long stems.

OCTOBER SNOW—An early, pure white baby pompon maturing October 15 to 20, 1 $\frac{1}{4}$ inches in diameter. Resembles Crystal Jewell in size and form but the petals are not concaved. We predict this new variety will become as popular as the variety Irene. Height 2 $\frac{1}{2}$ feet.

Plants from 2 $\frac{1}{4}$ -inch pots: 50c each; any 3, \$1.30; any 6, \$2.50; any 12, \$4.75.

Introductions of 1938

OTTAWA — This brilliant orange bronze baby is just right to cut for Thanksgiving. An unusually good producer with 5 or 6 sprays making a 9 ounce bunch. Flowers $1\frac{1}{2}$ inches in diameter are born on almost the full 30-inch length of the stem.

ROSY DOT—This baby pompon somewhat resembles Pink Dot. It is more productive and the flowers are smaller, $1\frac{1}{2}$ inches in diameter. The

expanded petals are pure white while the unexpanded center ones are rosy pink. The contrasting colors are clearly defined. The plants attain 30 inches in height. Mature November 1.

VIVIAN—This orange bronze baby pompon flowers earlier than any other bronze baby. Flowers are 1 inch in diameter, lighter in color and not so red as Wee Dot, grows 24 to 30 inches tall and is a good producer; ready to cut October 20.

Plants from $2\frac{1}{4}$ -inch pots: 30c each; any 3, 75c; any 6, \$1.40; any 12, \$2.50. \$15.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Introductions of 1937

AGATE—Bright yellow showing a distinct red eye, a most striking combination. Matures October 25th. Flowers 1 inch in diameter. Height 18 inches.

DOROTHY NEHRLING — This we consider the best pink baby pompon yet introduced. Matures November 15th to 20th. Color, deep pink changing to rose pink at maturity. Flowers 1 inch in diameter, extremely double with strong wiry stem.

GERALDINE—Lemon yellow, of the most perfect button type. The petals concave giving the flowers a

puffed or inflated appearance like so many beads arranged in the form of a ball. It is like Crystal Jewell except color. A splendid late variety maturing December 1st. Very productive.

LITTLE BILLY—A very productive variety with small flowers, $\frac{7}{8}$ inch in diameter, color sulphur yellow and of most perfect form. Growth, $2\frac{1}{2}$ feet, matures November 1st.

ROSEUS—A light pink sport from Sarda which it resembles in growth and freedom of bloom. Sarda is a sport of Pink Dot. Diameter $1\frac{1}{2}$ inches. Matures November 10th.

Plants from $2\frac{1}{4}$ -inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Standard Varieties

ANNETTE—A delicate pink with fully double flowers. Height 3 feet. Flowers $1\frac{1}{4}$ inches. Mature Oct. 30.

BONNIBEL—Orange buff. Dwarf. Flowers $1\frac{1}{4}$ inches. Height $2\frac{1}{2}$ feet.

EMELIE—Very full, compact, pure white. Height 2 feet. Flowers $1\frac{1}{4}$ inches. Mature Oct. 30. Reflexed petals.

ETHEL—Bright red. Height $2\frac{1}{2}$ feet. Ready to cut October 25.

GOLD MINE—Very bright yellow. Height 2 feet. Flowers $1\frac{1}{4}$ inches. Ready to cut October 25.

MARY PICKFORD — Pure white. Flowers 1 inch. Mature November 1. Medium height. Perfect pompon type.

PADOKA—Light salmon. Mature October 20. Free flowering.

PATSY DOWD — Bright red. Flowers $1\frac{1}{8}$ inches. Height 2 feet. Mature November 5.



ZOROKA

WEE DOT—Bright bronze. Mature October 25. Flowers $\frac{3}{4}$ -inch. Dwarf.

ZOROKA — Yellow, tips of petals bronze. Flowers $1\frac{1}{4}$ inches. Mature October 30.

We can supply in limited quantity the following varieties which are arranged in order, according to their flowering period—October 30 to December 20: Yvonne, Galva, Dainty Maid, Dolora, Marie, Brownie, Cecile, Clista, Golden Varsity, Norine, Crystal Jewell, Thanksgiving Gem, Golden Nymph, Christmas Gold and Little Truant.

Plants from $2\frac{1}{4}$ -inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Intermediate Section

Introductions for 1939

AMARANTHEA—Very late, maturing December 10 and later. The name given refers to its color which is an amaranth or purplish crimson. Under artificial light the brilliancy of the crimson tone is greatly intensified. An intermediate pompon, $2\frac{1}{2}$ inches in diameter. Plants 30 inches in height.

ELLETRA—In form, perfect pompon type, $1\frac{3}{4}$ inches in diameter. Color an even shade of pure bronze. Matures in December when pompons are scarce, fully double. The best late bronze.

KATHERINE JOHNSTON—This variety is much the same in color and flowers near the same date as Christmas Cheer but is larger, 2 inches in diameter. Color, orange; strong, upright growth. Height, 3 feet from late planting. Flowering date, December 10 to Christmas according to climatic conditions.

WHITE LIGHT—A wonderful, perfectly formed intermediate pompon 2 inches in diameter. It first opens creamy white but changes to pure white at maturity which is about November 15. We recommend this new variety to those desiring a white for this date. Height $2\frac{1}{2}$ feet.

WHITE TONQUIN—A pure white sport from Tonquin. Is identical in all characteristics except color. A good late white.

Plants from $2\frac{1}{4}$ -inch pots: 50c each; any 3, \$1.30; any 6, \$2.50; any 12, \$4.75.



Sandra
Description Page 16



Rosy Dot
Description Page 9



White Gull
Description Page 20



Deanna
Description Page 16

Introductions of 1938

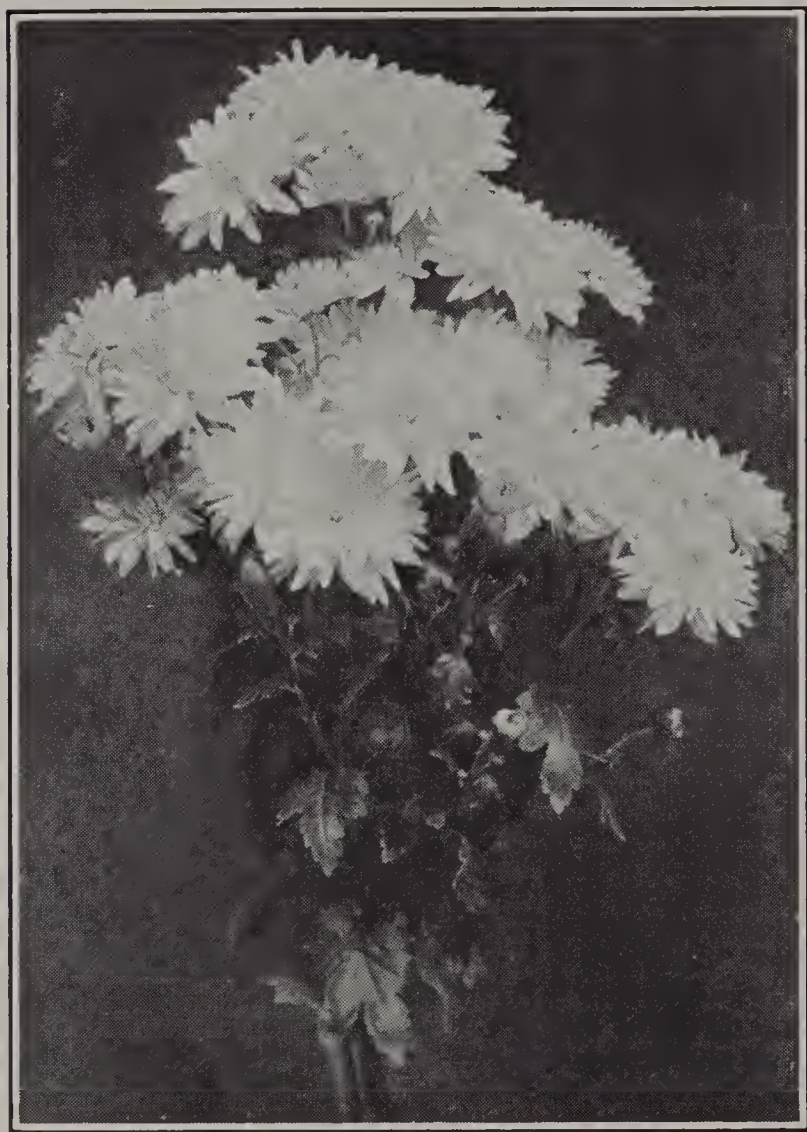
CARLINA LEE—This large pompon is a dark, rich red but brighter than Garnet King. It is the earliest red of its type maturing October 20 to 25. Flowers are two to three inches in diameter when grown in sprays, very double and hold their color. When disbudded the flowers make an even, round bloom nearly 4 inches in diameter. An unusually vigorous grower possessing excellent foliage and stem quality. Color print page 17.

IROQUOIS—This new pompon makes an excellent variety for after Thanksgiving, cutting the first week of December. The firm, crisp flowers $2\frac{1}{2}$ inches in diameter are an even shade of bronze very similar in color to Clorinda or Bronze Usona. The sprays are open on stiff stems with excellent productiveness. This variety grows 36 inches tall from July 25 planting.

PERFECTO—This yellow pompon merits a trial on the basis of its productiveness, well open sprays and stiffness of stem. The flowers are very similar to Rodell in color and are mature for Thanksgiving. This variety grows from 30 to 36 inches tall producing foliage of substance and quality.

Plants from $2\frac{1}{4}$ -inch pots: 30c each; any 3, 75c; any 6, \$1.40; any 12, \$2.50. \$15.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Introductions of 1937



BRIDAL BELLS

Plants from $2\frac{1}{4}$ -inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. 12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

BRIDAL BELLS — Flowers first open greenish white, changing to pure white at maturity. Strong, sturdy growth, $2\frac{1}{2}$ feet in height, 3 inches in diameter. Matures Dec. 15th and later.

CHRISTMAS CHEER — We recommend this variety to those desiring flowers for Christmas. The color is yellow, darker than Friendly Rival, which will always present yellow under artificial light. Plants $2\frac{1}{2}$ feet high with flowers 2 inches in diameter. Matures December 15th and later.

COMANCHE — The upper surface of the petals is a warm chestnut brown with the reverse side bright yellow. Diameter 2 inches. Plants attain $2\frac{1}{2}$ feet and flower December 15th.

MONADEL—A light bronze sport from Pink Dot, of strong, upright growth. Height $2\frac{1}{2}$ feet. Date of maturity Nov. 10th. Diameter of flowers $2\frac{1}{4}$ inches.

WHITE ERMALINDA — A sport from the popular pink variety for early flowering. Identical in other respects.

Standard Varieties

BRONZE ERMALINDA — Dark bronze. In all other respects is identical with Ermalinda.

COPPER CITY—A bronze or copper-colored sport from Louise Davenport; productive, good stem. Matures November 5 to 10.

CORA PECK BUHL—Intense yellow. Flowers $1\frac{1}{2}$ inches. Height $3\frac{1}{4}$ feet. Ready to cut October 25th.

ERMALINDA — Old rose, silvery sheen. Flowers $1\frac{3}{4}$ inches. Height $3\frac{1}{2}$ feet. Mature October 25th.

IRENE — Pure white, flowers $1\frac{1}{4}$ inches. Height 3 feet. Mature October 20th.

LEILAH — Rose pink. Flowers 2 inches. Height $2\frac{1}{2}$ feet. Mature October 15.

MINONG—Pure white. Ready to cut October 20 to 25. Free flowering.

PINK DOT — White with bright pink center. Flowers $1\frac{1}{2}$ inches. Height 4 feet. Matures October 21.

RODELL — Yellow. Flowers $1\frac{1}{2}$ inches. Height 3 feet. Mature October 20.

SARDA — Deep pink. Flowers 2 inches. Height $3\frac{1}{2}$ feet. Mature October 25.

We can supply in limited quantity the following varieties which are arranged in order according to their flowering period—November first to December tenth: Onargo, Copper City, Golden Splendor, November Bronze, Claret, Red Wings, Joan Wells, Yellow Yuletide, Yuletide, Cordova, Bronze Usona, Frank Wilcox, Rowenna, Muriel, Yellow Dorothy Turner, Modena, Mrs. N. G. Moore, Roselea, Silver Star, Yellow Silver Star and Tonquin.

Plants from $2\frac{1}{4}$ -inch pots: 20c each, any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

LARGE POMPONS FOR DISBUDDING

Introductions of 1937

TOUCHDOWN—A pure white sport of pompon Cometo, perfect, round, very double flowers 2 inches in diameter. Matures from late October to early November. This new variety lends itself to shading under black cloth with excellent success.

Plants from $2\frac{1}{4}$ -inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Standard Varieties

ANGELO—Light pink. Blooms $2\frac{1}{2}$ to 3 inches. Mature October 25.

AZORA—Light pink. Blooms $4\frac{1}{2}$ inches. Mature October 25. Strong growth.

BALANDUS—Light pink, cream reverse. Flower $3\frac{1}{2}$ inches. Mature October 25.

GOLD COIN — Bright yellow. Flowers $3\frac{1}{2}$ inches. Height $3\frac{1}{2}$ feet. Mature December 1 and later. Productive.

LILLIAN DOTY — Shell-pink. Flowers 3 inches. Height $3\frac{1}{2}$ feet. Mature October 25. Strong growth.

MASAKA—Clear yellow. Flowers 4 inches. Height 3 feet. Mature October 20. Strong growth.

ROMOLA—Soft pink. Flowers $3\frac{1}{2}$ inches. Height 3 feet. Mature November 5.

SILVER BALL — Pure white. Flowers 3 inches. Height 4 feet. Mature October 12. Perfect form.

UNALGA—Intense yellow. Flowers $3\frac{1}{4}$ inches. Height $2\frac{1}{2}$ feet. Mature November 25. Strong growth.

WHITE DOTY—Pure white sport of Lillian Doty. Identical in all respects except color.

Plants from $2\frac{1}{4}$ -inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

ANEMONE SECTION

The Anemone flowers consist of one or more rows of flat or tubular ray florets with shorter quilled or tubular disc florets of the same or a distinct color and may be grown either disbudded or in sprays according to their adaptability.

The large flowering Anemone types are usually pinched when small, permitting four to six growths to continue until buds are formed. Then the plants are disbudded to one flower to the growth, making more serviceable flowers for the arrangement of baskets and other floral designs. The recent introductions are marvelous for their beauty and surpass the older varieties in size. These should be given full consideration by those who are looking for something artistic and unusual.

Introductions of 1938

BRONZE SUPREME — Bronze does not fully describe the color of the new variety although it was so named by the originator. The ray petals have a decided pink cast. The cushion is the same color except the extreme tip of the tubes is touched with yellow.

YELLOW SUPREME — Size and

flowering date same as the preceding variety. Color, light lemon yellow throughout with slight pink shadings on the ray florets. Both of these sport varieties will mature five, 5-inch blooms per plant from November 25 to December 20 depending upon the planting date and climatic conditions.

Plants from 2¼-inch pots: 30c each; any 3, 75c; any 6, \$1.40; any 12, \$2.50. \$15.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Introductions of 1937

BIZARRE — The combination of colors is peculiar, purplish rose guard or outer florets with 3¼-inch cushion of a bronze hue with petals tipped with gold. The flower with four rows of petals is 7 inches in diameter. Matures November 10th. Disbud.

CITRUS QUEEN — This name is most applicable in describing the colors of this variety. The ray florets are the color of the fruit we know as lemons and the disc florets are the same shade as oranges. The flower, with six rows of petals, is 5¾ inches in diameter and the center or quilled petals is 3 inches across, forming a high rounded flower. Strong stem, matures December 1st.

MRS. J. S. ROBERTS — This distinctive anemone variety possesses 10 rows of guard petals, consequently is not as fragile as many of this type. The disc florets extend outward the full length of the ray petals. Its color is distinct and unusual in fact is very difficult to describe, being a combination of crimson, mauve and violet. Diameter 6 inches, matures November 10th.

ROMANTIC — Light bronze ray florets, disc florets bronzy red showing a distinct center or eye in each flower. Diameter 2½ inches, height of plants 2½ feet. Matures November 10th.

Plants from 2¼-inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Standard Varieties

This section is comprised of those which are usually considered best when disbudded. The plants are allowed to make several growths and are then disbudded to one flower.

BRONZE NORMA — Golden bronze, both cushion and florets. Select late bud. Mature November 20.

BEAUTIFUL LADY — Bright pink ray florets, creamy white cushion. Flowers 5 inches. Height 3½ feet. Mature November 20.

CRIMSON GLOW — Crimson-maroon. Flowers 4 inches. Mature November 25.

FREIDA — Deep orchid ray florets, yellow cushion. Mature November 10.

MARIETTA — Soft pink throughout. Flowers 5 to 6 inches. Height 3½ feet. Ready to cut October 20. Full cushion.

MARITZA — Bright yellow cushion, light yellow guard petals. Flowers 5½ inches. Mature for Thanksgiving.

PINK SUPREME — Delicate shell-

pink. Height 4 feet. Flowers 5½ inches. Mature November 25.

SMITH'S INNOCENCE — Pure white ray petals with creamy white cushion. Height 5 feet. Flowers 6 inches. Mature Nov. 5.

TOPKNOT — Creamy white cushion. Rosy pink ray petals. Height 5 feet. Flowers 6 inches. Mature November 5.

WHITE NORMA — White throughout. Full cushion. Mature November 20.

We can supply in limited quantity the following varieties which are arranged in order according to their flowering period—October 25 to December 1st: Berneita, White Berneita, Antigo, Birdine, Calypso, Aloysia, Golden State, Stoplight, Rolinda, Margo, The Titan, LaNona, Tuxedo, Crusader, China Rose, Rose Royal, Estrelita, Dark Pink Norma, Norma, Coral Blaze, Espy's Pink and Peter Pearson.

The following belong to the Pompon Anemone section, having small flowers, and are most serviceable when grown naturally to sprays.

BRONZE VOLUNTEER — Golden ray florets; bronzy cushion. Mature November 15.

GARZA SUPREME — White, both cushion and ray florets. Mature late December.

LAELIA — Both ray and disc florets

are rose pink. Full cushion. Mature November 1, Dwarf, upright growth.

PURPLE QUEEN — Purplish amaranth. Flowers 2½ inches. Mature November 10.

YELLOW GARZA SUPREME — Light yellow. Mature late December.

We can supply in limited quantity the following varieties which flower November 25: Eugene Langauet, Lida Thomas, Golden Lida Thomas and Godfrey's Perfection.

Plants from 2¼-inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Smith's Revised Chrysanthemum Manual

Seventh Edition

BY ELMER SMITH

Who Has Made a Specialty of Chrysanthemum Culture for
the Past Thirty-five Years

This booklet treats the subjects in a concise yet lucid manner, covering the whole work from the care of the stock to the staging of blooms.

Several new features have been added, including complete description and remedies for two new diseases, either of which, or the chapter on Chrysanthemum Midge, or the control of leaf tyer, are worth more to the reader than the price charged. Ten new illustrations have also been added.

The best work on American Chrysanthemum Culture. Both amateur and florist have been provided with articles for their special needs.

\$1.50 Postpaid

Early Hardy or Garden Varieties Introductions for 1939

EDGAR A. GUEST—It is with pleasure we present to the public this new early Hardy and feel assured the many readers of the lines of Michigan's noted poet will welcome this variety for their gardens. Color, bright bronzy red quite similar to Little Bob or Crimson Glory the seed parent. Its hardiness and dwarf growth are like the pollen parent, Amelia or Azaleamum, and it possesses the same free flowering habit. In flower the end of September. Flowers 2 inches in diameter.

MALINTA—Color when first opening, cream slightly tinted pink and green. As the flowers develop they change to nearly pure white, changing to pink as they age. An intermediate pompon $1\frac{3}{4}$ inches in diameter. Flowers October 10.

Plants from $2\frac{1}{4}$ -inch pots: 50c each; any 3, \$1.30; any 6, \$2.50; any 12, \$4.75.

Introductions of 1938

MOHICAN—This Amelia type flower is a pleasing shade of light bronze suffused with pink and yellow which produces a peach or apricot colored bloom. The flowers are $2\frac{1}{2}$ inches in diameter and almost cover the entire plant which grows 18 to 20 inches in height. Matures late October.

SANDRA—This dwarf growing crimson red variety is of Amelia extraction, coming into bloom in early October. The flowers are 1 to $1\frac{1}{2}$ inches in diameter well placed on a bushy type plant 12 to 16 inches in height. This variety will go well with the low growing White Gull and should be a welcome addition because of its brilliant red color.

SONIA—This variety is a deep pink or purple approaching Muldoon in color. Being a seedling of Amelia is an indication of its habit. Many flowered, fairly low and bushy. The flowers are 2 inches in diameter and mature in late October. This rich purple is outstanding in the Amelia types and is distinctly decorative.

Plants from $2\frac{1}{4}$ -inch pots: 30c each; any 3, 75c; any 6, \$1.40; any 12, \$2.50. \$15.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Introductions of 1937

ANN MILLER—An early flowering variety, in full color August 25th. Possesses true autumn tints, deep russet or orange red. Was greatly admired by all of our visitors. Attains 16 inches in height with flowers $2\frac{1}{2}$ inches in diameter.

DEANNA—A counterpart of Early Bronze as regards flowering date (September 10th), form and size of flowers ($1\frac{1}{2}$ inches in diameter). Also of same dwarf bushy growth, 12 to 14 inches in height. In color, it is darker than Early Bronze, a bright bronzy red, reverse of petals orange.

EARLY YELLOW—Is identical to Sonny Boy.

SONNY BOY—A clear yellow sport of the popular pompon Early Bronze. Habit in every way is identical with the parent, blooming in late August or early September.

Plants from $2\frac{1}{4}$ -inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.



White Ermalinda
Description Page 12

Chrysanthemum Seed

The packets offered contain approximately 200 seeds. They are from semi-doubles, singles, anemones and mountain varieties for cascading — 1938 crop — and will afford many pleasant surprises although some of the seedlings derived may not flower before frost in the northern states. We have no hand pollinated seeds to offer.

Packet \$0.25

Cushion Varieties

These packets include all colors of this type and are especially adapted for outdoor planting in the North. Mixed.

Packet \$0.50

Indicum Seed

Indicum is the primitive form of Chrysanthemum and grows wild in Southern China. We are offering a limited quantity of this seed. It is early flowering but not so hardy as many of the double flowered varieties.

Packet \$0.50



Vivian
Description Page 9



Carlina Lee
Description Page 12

Standard Varieties

A. BARHAM—Beautiful orange-bronze. Early; matures September 30. Height 2 feet.

BARBARA CUMMINGS—See Yellow Normandie which is synonymous. Page 19.

BRILLIANCY—(Introduced by us 1934). An early single flowered variety of unusual brilliancy. The color is bright red with a halo or circle of yellow around the disc. Strong upright growth 18 inches high. In perfection October first, flowers two and three-quarter inches in diameter.

CARRIE—(Syn. Glory of Seven Oaks). Deep yellow, a beauty. Matures September 25. Height 2 feet.

CRIMSON SPLENDOR—(Introduced by us 1933). A new single, light red in color. Flowers 3 inches in diameter mature October 1. Plant attains about 1¼ feet in height.

EARLY BRONZE—A hardy pompon. Color orange-bronze. In full bloom September 20 and remains in fine condition until severe frost. Height 20 inches. Diameter of flowers 1⅝ inches.

EDEN—Bright rose. A beauty when disbudded. Matures September 30. Height 1½ feet.

EMMET—A very free flowering single and as it flowers by the middle of September is admirably adapted for garden culture. Is a rosy bronze in color with flowers 2 inches in diameter.

EVELYN—When first opening is a near approach to crimson, assumes a deep bronze hue at maturity. Maturity about October 1. Flowers 2½ inches in diameter. Height 22 inches. Dwarf, upright growth.

FLASHLIGHT—(Introduced by us 1934). A bright glowing crimson, the first bright red to be included in the early hardy or garden section. Petals convex or roll outward. Matures September 20 with flowers three and one-quarter inches in diameter.

JEAN CUMMINGS—A new white variety coming into perfection about October first. Flowers are three inches in diameter. Plants attain a height of one and one-half feet.

JEAN TREADWAY—Very free flowering. Blooms about two and one-half inches in diameter. It first opens light pink and as it matures becomes much lighter, nearly white. In perfection October first. Height about 1½ feet.

LA SOMME—Deep mauve-pink. Flowers September 25. Height 2 feet.

LORELEI—(Introduced by us 1933). A very productive yellow which we consider an improvement on Wolverine both in length of stem and freedom of bloom. Ready to cut September 10. Height 26 inches with flowers 3 inches in diameter.

MRS. PHIL PAGE—With us this new variety reaches full beauty in October but does not make the wealth of bloom of Carrie, Wolverine, Normandie and Yellow Normandie during September. The color is a pleasing shade of bronze similar to A. Barham.

NACOLA—An exceedingly bright yellow, surpassing other varieties of this type in that respect. Flowers 2¼ inches in diameter; free flowering. In perfection September 15 to 20. Height of plant, 20 inches.

NORMANDIE—One of the earliest and best cream whites. Flowers September 10. Height, 1½ feet.

ROSZIKA—(Introduced by us 1934). Disseminated as Pink Lady. A medium shade of pink, darker in color than Murillo. Matures about September 20. Growth dwarf, 18 inches. Flowers 2¼ inches in diameter.

SONOMA—(Introduced by us 1931). A bronze with golden reverse and gold tipped petals. A profuse bloomer, coming into color October 1st. Flowers 2½ inches in diameter. Height 2½ feet.

SUNKIST—(Introduced by us 1934). Bright orange, darker than Glomero, exceedingly free flowering. Dwarf in growth, about 18 inches in height. Matures September 25.

TASIVA—(Introduced by us 1928). Very free flowering white. Matures October 1st. Height 2 feet. In wealth of bloom this variety is surpassed by none in this section.

WINNETKA—(Introduced by us 1914). Pure white. Very free flowering. Flowers September 20th. Height 1½ feet.

WOLVERINE—(Introduced by us 1923). A seedling from Normandie. A beautiful color and very desirable where early flowers are required. Matures August 30th. Height 2 feet.

YELLOW NORMANDIE—A bronze-yellow sport from Normandie. A beautiful color and very desirable where early flowers are required. Flowers September 10th. Height 1½ feet.

ZAZA—(Introduced by us 1931). Yellow with orange at the base of the petals; of dwarf habit. Shows color October 1st. Flowers 2½ inches in diameter. Height 2 feet.

Plants from 2¼-inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Additional Hardy or Garden Varieties

The following varieties are not so early flowering as the foregoing list but are as satisfactory to those living south of Ohio. The color of the flowers in this section is less apt to fade from the bright autumn sun.

ALICE HOWELL—A beautiful shade of orange-yellow. Single. Early as well as free flowering. Flowers October 5. Height 1½ feet.

CRIMSON GLORY—Very bright crimson surpassing all early pompons of this color. Matures October 5. Excellent stem and foliage; height 16 inches, flowers 2¼ to 2½ inches in diameter.

DAZIRA—(Introduced by us 1934). This Korean hybrid is very free flowering. A small cutting will make a plant with a spread of 20 inches in height completely covered with single flowers 2¼ inches in diameter. When first opening flowers are delicate pink but eventually turn to white. In season October 10.

GANNA—(Introduced by us 1931). A bright pink in color, strong robust growth. Free flowering; coming into color October 1 and fully developed about October 12. Flowers 2½ inches in diameter. Height 2½ feet.

GLORIETA—Color light pink, strong, upright growth and very productive. In full bloom October 10th. Plants 16 inches in height with flowers 2¼ inches in diameter.

ISOTTA—(Introduced by us 1928). Early bronze maturing October 10. Of dwarf habit and exceedingly free flowering. Height 2½ feet.

KUZUKA—Color bright pink with an anemone or quilled center of yellow. Dwarf, upright growth and free flowering. Attains 18 inches in height. Matures October 10th. Flowers 2¾ inches in diameter.

LILYAN—First opening light pink turning to white. Growth dwarf, attaining only 16 inches; very productive. Matures October 5th. Flowers 2¾ inches in diameter.

LITTLE BOB—This belongs to the small pompon or button type but owing to its extra hardiness we deem it advisable to include it with this list. It does not flower until October 1 but is quite resistant to frosts and is very free flowering. Height 1½ feet. Color, dark bronze.

MARISA—The single flowers have three rows of petals which are orange bronze with a golden center. Dwarf, spreading growth and exceptionally free flowering. Matures October 10th. Height of plant 16 inches; flowers 2½ inches in diameter.

MULDOON—(Introduced by us 1931). A purplish amaranth in color. Flowers somewhat of the pompon type; free flowering and good growth. Matures October 12. Flowers 2 inches in diameter. Height 2 feet.

MURILLO—(Introduced by us 1925). This variety is not as early as some kinds, flowers October 12, but is of strong growth and very hardy. It is the best shade of pink among the early hardies. Height 2 feet.

OCTOBER GIRL—Flowers 2 inches in diameter, semi-double, pink when first opening, becoming shaded with lavender when fully opened which occurs October 15.

OLGA—(Introduced by us 1932). This early hardy begins showing color September 20, presenting an orange-bronze cast which changes as it develops to a medium shade of pink; slightly darker than Murillo. Height, 2 feet. Matures October 10.

RED FLARE—(Introduced by us 1933). The first bright red garden variety. It is of the pompon type; about 2 inches in diameter, a little larger than the varieties belonging to the intermediate section. Height, 20 inches. Strong, upright growth. Matures October 15.

ROSY GEM—(Introduced by us 1932). Another bright pink or rose-colored hardy variety; similar to Ganna but of a slightly softer tone with less of the purple cast. Height, 2 feet. Shows color last of September. Fully developed Oct. 15.

RUTH HATTON—A free flowering white with dwarf branching habit. On first opening it shows a lemon center which eventually fades to a pure white. In perfection about October 20th. Flowers two inches in diameter and plants attain two feet in height.

YELLOW GEM—This new Pompon is recommended for outdoor flowering, hence we have placed it among the garden varieties. Color bright yellow, is very free flowering. Height of plant 15 inches. Flowers 1¼ inches; matures Oct. 15th. Plants from 2¼-inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

EARLY FLOWERING CUSHION VARIETIES

The word CUSHION seems to be the most descriptive word to use for the varieties mentioned in this section. They are early, of dwarf spreading growth, free flowering and well adapted for planting in the North, especially where the chief object is mass color effect.

PINK CUSHION (Amelia).

LIGHT PINK CUSHION (Amelia).

WHITE CUSHION (Queen Cushion).

BRONZE CUSHION (King Cushion).

WHITE GULL—Small baby pompon.

PANOLA—Rose color.

EDGAR A. GUEST—See full description and price, page 16.

Plants from 2¼-inch pots: (Except Edgar A. Guest) 30c each; any 3, 75c; any 6, \$1.40; any 12, \$2.50. \$15.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

KOREAN HYBRIDS

The following varieties produce single flowers except where noted.

Introductions of 1938

ARCTURUS—Large single amber or honey yellow. Profuse bloomer.

AUTOCRAT—Single, bright orange scarlet flowers with a golden yellow halo. Extremely profuse.

ALGONQUIN—Double brilliant yellow, 24 inches tall, flowers 2 to 3 inches in diameter. Matures September 20.

AMOSKEAG—Dwarf, semi-double light bronze. Matures September 15.

BARNEGAT—Dwarf, very double yellow. Matures late September.

CYDONIA—Double, unusually brilliant orange mahogany.

FUSAN—This new hardy single is similar to the coreanum type as far as hardiness is concerned. The petals are broader and are arranged closer together making a very conspicuous flower. The color is bright pink; matures about October 15 effecting profound admiration from the visiting public.

GERONIMO—Double, bronze 3 inches in diameter. Matures late August.

HARVESTER—Particularly attractive orange scarlet with good sized single flowers freely produced.

MANANTICO—Dwarf, single rosy pink. Matures late September.

MATAWAN—Very dwarf, single rose purple 3 inches in diameter. Matures mid-September.

MRS. SAM P. ROTAN—Perfectly double flower of brilliant golden yellow shading to deep orange. Compact and free.

ORANGE WONDER—Deep coppery orange blooms. Free and vigorous.

OTSEGO—Double, purple fading to pink. Matures mid-September.

POHATCONG—Dwarf double, blush pink, white edge. Matures early October.

RAPTURE—Double, deep orange bronze with suffusion of carmine.

SEMINOLE—Dwarf, blush with creamy center. Matures early September.

SEQUOIA—Elegant, good sized double blooms of a mellow amber color.

SUWANEE—Single white 3 inches in diameter. Matures mid-September.

Plants from 2¼-inch pots: 30c each; any 3, 75c; any 6, \$1.40; any 12, \$2.50. \$15.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Introductions of 1937

APPEAL—Single blush pink. Has dainty, long, narrow petals. Very free.

FIREFLAME—Deep blood red with carmine suffusion. Showy single blooms.

HAPPINESS—Opens rosy apricot, fades to pale pink. Single.

STELLARIS—Large single buttercup blooms. Graceful and vigorous.

Plants from 2¼-inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Standard Varieties

APOLLO—Reddish bronze, diameter 2 inches, profuse sprays, blooms Oct. 10.

ASTRID—This new single flowered will, no doubt, be exceedingly hardy, the same as Arcticum, one of the primitive types. It blooms on or before October 1st and the flowers, 3 inches in diameter, are a pleasing shade of light pink with apricot shadings.

CERES—Old gold blended with yellow and dusted coppery bronze.

HESTIA—Medium, semi-double, rose pink, white halo around yellow disc.

LOUISE SCHLING—Salmon red, 3 rows of petals, free flowering, diameter 3 inches.

MARS—Dark red, velvety sheen, height 2½ feet, blooms October 15th.

MERCURY—Bronzy red, 3 inches in diameter, height 2 feet, blooms Sept. 30th.

NIOBE—Dwarf, white with yellow disc, 2 inches in diameter, very profuse.

NYSA—Tall, upright, single, rosy lilac flowers, 3 inches in diameter.

PSYCHE—Single shell pink flowers, 4 to 5 inches in diameter, vigorous.

SAPPHO—Dwarf, large single pure yellow flowers.

Plants from 2¼-inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

SINGLE SECTION

Introductions for 1939

CRIMSON MONARCH—A semi-double of enormous size, 5 inches, having ten rows of petals and showing a small disc or center. Flowers November 15. Surpasses any of this type and color we have seen. Height, 3 feet.

Plants from 2¼-inch pots: 50c each; any 3, \$1.30; any 6, \$2.50; any 12, \$4.75.

Standard Varieties

GOLDEN SEAL—Deep golden yellow. Mature for Thanksgiving.

IDA SKIFF—Amber-bronze. Flowers 4 inches. Best grown to sprays. Ready to cut November 5.

JEAN—Pure white. Flowers 7½ inches. Medium height. Mature November 1.

LADY ASTOR — Bright crimson. Mature for Thanksgiving and later.

LAONA — Rose-pink. Flowers 9 inches. Height 4 feet. Mature Nov. 5.

Plants from 2¼-inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

MABEL SEYMOUR—Pure white. Flowers 4½ inches. Mature November 5.

MELBA — Orange-bronze. Mature November 5. May be grown natural or disbudded.

MRS. WM. BUCKINGHAM — Rosy pink. Mature November 1. Flowers large and flat.

MRS. E. D. GODFREY — Light pink. Mature November 20.

RADIANT—Bright red. Flowers 3 inches. Mature Nov. 5 to 10.

Varieties Suitable for Pot Culture

Under this heading we have selected varieties that are naturally dwarf in growth, believing that they are better adapted for plants for general use.

Standard Varieties

ANGELO — For description, see page 13.

BLOODSTONE—Light red. Flowers 4½ inches. Mature Nov. 10. Dwarf.

BUTLER'S CAPRICE—Deep pink. Dwarf. Mature October 25.

CANOVA—Bright yellow. Flowers 1¾ inches. Dwarf. Mature October 20. Grow natural or disbud.

ETHRElda—Pink, shading to orchid. Height 15 inches. Flowers 2½ inches. Mature Nov. 12. Disbud.

GREYSTONE — Golden orange. Dwarf. Flowers 3 inches. Mature Nov. 10.

KATHLEEN THOMPSON — A fine crimson.

LILAC CAPRICE — Deep lilac. Dwarf. Mature October 25.

Plants from 2¼-inch pots: 20c each; any 3, 50c; any 6, 80c; any 12, \$1.50. \$10.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

MAIDA — Light pink, reflexed. Height 15 inches. Flowers 3 inches. Mature Nov. 5. Disbud. Stiff stem.

NATICK—Golden yellow. Flowers 3 inches. Mature Nov. 25. Dwarf.

ONETA — Pure white, reflexed. Flowers 4 inches. Height 1½ feet. Mature Nov. 25. Free flowering.

PIGMY—Light pink. Flowers 3 inches. Mature Nov. 10. Dwarf. Pompon.

PURPLE CAPRICE — Purple. Dwarf.

THORINA — Reddish bronze. Height 15 inches. Mature Oct. 20. Pompon type. Grow natural.

WHITE CAPRICE—White. Dwarf.

YELLOW CAPRICE — Clear yellow. Dwarf.

EXHIBITION SECTION

This section comprises varieties which are considered best for those who desire flowers of exceptionally large size which depends altogether upon the culture given.

Introductions for 1939

BOAKE CARTER—This new variety is named for this most worth-while commentator. Owing to its size and other characteristics, it belongs to the exhibition section. Is a pure, glistening white 10 inches in diameter and requires the reservation of an early crown bud, about August 10. Has heavy stem and foliage; dwarf in growth. Matures November 5.

CLARA TRUEMAN—Color, chestnut bronze, outer petals reflexed. Vigorous in growth, tall. Requires early crown bud, about August 10. Blooms 10 inches in diameter. Matures November 5.

HENRY WOOLMAN—Bright crimson shading to bronze. Dwarf growth. Very double flower even from late buds. Secure first crown bud about August 15. Flowers 8 inches in diameter mature November 5.

REMUS—A deep rose with silvery reverse. Of large size, 10 inches in diameter. Heavy foliage and strong, upright growth. Secure first crown bud after the first natural break, about August 15. Matures November 10.

SHIRLEY MAMMOTH—The largest white we have ever seen. Described by the originators as having petals 12 inches long, making a flower 20 inches or more in diameter. Pure white in color; stem not rigid enough to support the heavy bloom. Reserve bud August 10 to 15. Plants of medium height. Matures soon after October 20.

Plants from 2¼-inch pots: \$1.50 each; \$12.50 per ten.
Not less than five of a variety at ten rate.

Introductions of 1937

HUGH MITCHELL—Deep velvety crimson with gold at the tips, very contrasting in color, makes a wide bloom of extraordinary size. Very solid and of great depth. Early August bud.

Plants from 2¼-inch pots: 75c each; any 3, \$2.00; any 6, \$3.50; any 12, \$6.00.

Standard Varieties

ELBERON—Bright pink. Bud Aug. 30. Flowers 8 inches. Mature Nov. 1.

HENRY E. TRUEMAN — Pure white. Blooms 10 inches. Bud Aug. 5.

JOHN BALMER — Bronzy red. Bud Aug. 15. Vigorous grower.

LA FRANCE — Silvery mauve, upper surface purple. Blooms 8 inches. Bud August 15. Mature October 28.

LOUISA POCKETT—Pure white. Bud August 10. Semi-dwarf.

MARY L. CLARK—Lavender-pink. Bud Aug. 25. Mature Oct. 25. Blooms 8 inches. Height 5 feet.

OLIVETTE — Dark pink, reflexed. Flowers 8 inches. Bud Aug. 10. Mature Oct. 31. Height 6 feet.

RISE OF DAY — Apricot, tinged red. Blooms 9 inches. Mature Oct. 25.

SEMINOLE CHIEF — Chestnut-bronze, reflexed. Flowers 8½ inches. Bud Aug. 25. Mature Oct. 25.

THE BIG CHILD — Dark yellow. Bud Aug. 5 to 10. Blooms 10 inches. Mature Nov. 1. Tall.

THOS. W. POCKETT — Clear pink. Bud late August. Blooms 9 inches. Mature November 1. Tall.

VERMONT — Pink. Large blooms. Bud August 10. Mature October 25.

WHITE VERMONT — Pure white. Large blooms. Bud August 10. Mature October 25. Tall.

YELLOW POCKETT — Light yellow. Bud August 10. Semi-dwarf.

YELLOW TURNER — Light yellow. Bud Aug. 30. Blooms 9 inches. Mature November 1.

Plants from 2 $\frac{1}{4}$ -inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

ANEMONES — EXHIBITION SECTION

Standard Varieties

BUFF QUEEN — (Introduced by us 1926). The larger Anemone type, 6 $\frac{3}{4}$ inches in diameter. Color of both ray and disc florets is buff, similar to Majestic. Cushion 4 $\frac{3}{4}$ inches in diameter. Matures November 1st.

CAPTIVATION — (Introduced by us 1927). When grown single stem, blooms are 7 $\frac{1}{2}$ inches in diameter. Color of ray florets mahogany-red. Cushion 4 inches, same color except extreme end of quills which is tipped with yellow. Strong stem and wonderful substance. Matures November 10th.

Plants from 2 $\frac{1}{4}$ -inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

ODD FORMED VARIETIES

This type in most instances is unsatisfactory for general commercial use. The reason is the petals are so long and fragile that they cannot, without injury, be shipped and handled as most Chrysanthemums are. To those who arrange their own products they are quite serviceable for the grace and beauty they impart.

Introductions for 1939

DAIBUTSU — (Introduced in Japan and known there as Seiko no Tzuzumi). Owing to size and superlative quality, have applied the name of the ancient Japanese Buddha. The largest and most double of all the Japanese tubular petaled varieties we have seen. The outer exposed surface of the tubes is rosy purple with slightly hooked or spoon shaped extremities of the same shade. The flowers remain in good condition for three weeks or more becoming lighter in color until they are white lightly tinted pink. The originators' description gives the diameter as 18 inches. Flowers from November first to December first. Tall in growth.

SAKIKO — A Japanese tubular variety of our origination. The color is light bronze, the tube-like petals being 7 inches long presenting a flower twice that in diameter. Each tube is curled or hooked at its extremity. Being the favorite type of the Japanese, we have named this variety for the daughter of one of their Ambassadors of recent years.

STAR-KIST — The pure white tubular petals of this variety are one-twelfth of an inch in diameter and the spoon-like openings at the extremity curl upward forming a hook. May be disbudded to produce flowers ten or more inches or all buds may be allowed to develop to secure graceful sprays for artistic arrangement. Matures about November 20.

Plants from 2 $\frac{1}{4}$ -inch pots: \$1.50 each; \$12.50 per ten.
Not less than five of a variety at ten rate.

Standard Varieties

Most of the varieties in this section originated in Japan where they are considered the most beautiful of the entire Chrysanthemum family. They are indeed very unique with their feathery and thread-like petals.

DAIKOKU—Long, narrow, white petals which are decidedly hooked up or incurved at the outer extremities.

MIGNONNETTE—Rather curly fine petals resembling a thistle bloom in form. Color bright yellow.

MISS GENA HARWOOD—Another sport from Rayonnante. Color rosy mauve.

PEGGY ANN HOOVER—Long tubular petals similar to Pride of Tokyo. Color a delicate shade of lavender. Size when disbudded 9 inches or more. From U. S. Department of Agriculture.

PRIDE OF TOKYO—In structure it is composed of long tubular petals most of which are hooked up or spoon-like at the extreme tips. The color is a very delicate creamy pink. Not fully matured by November 20. Will produce four to five flowers per plant.

RAYONNANTE—Long, cordlike petals, pale rose-pink. Beautiful in color. May be grown very large.

THE DEAN—Pure white, feathery in appearance, the narrow petals being very irregularly arranged. Light green center.

UNIQUE—Long, straight, slender, tubular petals of wine-red of lasting quality. May be had from the middle of November into December. Diameter of flowers 8 inches.

WHITE JITSUJETUI—Small flower, petals slashed and toothed at the tips.

WHITE RAYONNANTE—Identical with Rayonnante except in color which is white.

WHITE THREAD—A good name for this odd formed flower. It reminds one of a small tuft of tangled white thread or ravelings.

Plants from 2¼-inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Chrysanthemum Species

These particular types are not of especial commercial value. They are, however, most interesting to the student and others when they realize these types are ancestors to our present-day Chrysanthemums.

ARTICUM—The flowers are single, pure white, 2½ inches in diameter; very hardy. Fine for the rock garden.

COREANUM—The flowers are single, color blush white; 1½ to 2 inches in diameter.

INDICUM—A common wild plant in Southern China and no doubt often obnoxious. The flowers are single, color yellow, ¾ inch in diameter. Plants make many branches as well as lateral growths and are free flowering.

MORIFOLIUM—The flowers are single, flesh pink, 7⁄8 inch in diameter. Blooms about September 25. Each growth produces many laterals, each flowering profusely. Attains 3 feet in height.

Plants from 2¼-inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Japanese Mountain or Cascade Varieties Standard Varieties

ANNA—(Introduced by us 1909). Pure white. Belongs to the true single section, having but one row of petals. Fine for pot plants.

BROWN BUTTON—(Introduced by us 1934). This baby pompon has such a pliant stem that it is a fine subject to be grown as a cascade variety. It is a dark bronze in color, maturing November 10 and is one inch in diameter.

JANE HARTE—(Disseminated as Jean Hart). The variety originated and was named on the estate of Mr. E. S. Webster. They are identical. A yellow sport from Anna. Identical in every way except color.

SHOOTING STAR—(Introduced by us 1934). We have been fortunate in securing an anemone variety which belongs to the cascade section. The star shaped flower is yellow and the center is a low anemone cushion, maturing November tenth. Diameter, one and three-eighths inches.

UNNAMED VARIETIES—Bronze, Pink, Red, White and Yellow. Mixed or separate colors.

Plants from 2¼-inch pots: 25c each; any 3, 60c; any 6, \$1.10; any 12, \$2.00. \$12.00 per 100 with the privilege of ordering 25 of one variety at hundred rate.

Chrysaline

Unequaled for Producing Lusty Chrysanthemums

A complete Chemical Fertilizer, perfectly soluble and contains the same constituents as those incorporated in manure, supplying proper quantities of nitrogen, potash and phosphoric acid, which are the most important elements conducive to plant life.

The advantages of Chrysaline over the other manures are: It is clean, has no offensive odor, is soluble and thus easily prepared, is immediate and permanent in its effects, so highly concentrated that it is the cheapest, saves time and labor, and gives accurate results.

Samples of 13½ ounces prepaid by mail, \$0.30.

Larger quantities will be furnished as follows.

Five Pounds, \$1.00; Ten pounds, \$1.75; Twenty-five pounds, \$4.00; Fifty pounds, \$7.50.

F. O. B. Adrian

One ounce is sufficient for ten gallons. Full directions accompany each package.

Chrysanthemums like a slightly acid soil; Chrysaline has an acid reaction.

The Kinney Pump

For applying liquid manure, this pump has no equal. Full directions accompany each pump. \$2.60 postpaid.



INSECT SPRAY

Kills Aphis, Mealy Bugs, Red Spider and other insects.

1 five-ounce bottle . . . \$1.00

NICO-FUME

TOBACCO POWDER FOR
FUMIGATION

Kills Midge, Aphis, Mealy Bugs, Red Spider and other insects.

1 one-pound tin . . . \$1.00

ORDER SHEET

If not accepted on these terms, return the goods at once.—E. D. S. & Co.

Elmer D. Smith & Co., Adrian, Mich.

Please Forward by (State whether wanted by MAIL or EXPRESS.)

To _____
(In Ordering or Writing, always sign name in the same way.)

Street, P. O. Box
or Rural Delivery _____

Post Office _____

Express Office (If Different from)
Post Office

County _____ State _____

Date _____ Amount Enclosed _____
 { M. O. _____ Cash _____
 { Check _____ Stamps _____

[illegible]

If we are out of any varieties ordered will substitutes be satisfactory? Yes () No ()

READ THIS BEFORE MAKING ORDER

Remember, we do not supply less than five plants of a kind at ten or 25 at hundred rate. This means you must order five of one variety, as five Wm. Turner, or 25 of a variety as 25 Columbus Dispatch.

QUANTITY	ARTICLES	PRICE
Amount brought forward,		
If we are out of any variety ordered will substitute the satisfactory? Yes () No ()		
Total Amount of Order,		

CULTURAL SUGGESTIONS

TIME OF PLANTING OUT OF DOORS. Usually about May first in the North, depending upon the climatic conditions.

BUD SELECTION. All kinds of hardy or outdoor varieties, as well as baby and intermediate pompons, are usually allowed to flower naturally from the terminal bud but the large flowering varieties, as well as the large pompons and anemones, are usually allowed to make several growths and each growth is **disbudded** to one bloom.

Explanation of Catalog Terms

DATE OF BUD—The best date for disbudding to secure the most perfect bloom.

DISBUDDING—The removal of all buds except those desired for future blooms.

SELECT BUD—This refers to disbudding and means to remove all buds on the growth but the one to be reserved and allowed to develop.



The Early or Crown Bud



The Terminal or Late Bud

DEFECTIVE FOLIAGE—As a general rule, all defective foliage is due to a sudden check, such as a drouth, over-watering, excessive heat or sudden low temperature. Any extreme or adverse condition has a tendency to abate growth for a time and the results of such spells are usually manifest in blighted or blackened foliage.

LIFTING PLANTS—When lifting and potting plants from the open border, see that it is done before the buds appear.

Larger Flowering Varieties for Outdoor Culture in the North

There seems to be a desire for growing larger and better chrysanthemums out of doors in the North and with this in mind, we have decided to make a few suggestions along this line.

North of the Ohio River, it is advisable to either plant in a sheltered position or provide some means of protection against early frost. The chrysanthemum thrives better when grown in full sunlight, hence should be given a southern exposure. Under such conditions the wood ripens earlier thus producing earlier buds and flowers.

It is very difficult to recommend varieties that will survive as much depends on the nature of the soil, the location, and severity of the winters. In a general way, the early and mid-season varieties, pages 3 to 7, are best adapted for this purpose. Many of the early hardy section, page 16, when restricted to a few growths, and each growth disbudded leaving only one bud to each branch, produce very nice blooms about four inches in diameter.

COLLECTIONS

These Collections are offered to induce prospective customers unfamiliar with Chrysanthemums to place a trial order at reduced rates. Selections within a collection must be left to us in every instance. The plants from which these collections are made are of the same high quality as those offered under name.

Each Collection \$1.00

The first three collections are especially intended for those in the Northern latitude and are the early flowering, outdoor kinds.

No. 1— 5 Cushion Varieties

No. 2—10 Early Flowering Singles

No. 3—10 Early Hardies

The following collections cannot be considered strictly dependable in the North unless some provision is made for protecting the blooms from frost as they are not so early blooming as the foregoing. Any of these collections will be satisfactory south of the Ohio river.

No. 4—10 Commercial Varieties

No. 5—10 Pompons

No. 6—10 Anemones

No. 7— 5 Commercials, 5 Pompons

No. 8— 5 Commercials, 5 Anemones

No. 9— 5 Commercials, 5 Singles

No. 10— 5 Pompons, 5 Hardies

No. 11— 5 Singles, 5 Anemones

No. 12— 5 Exhibition Varieties